

**CLAIMS**

What is claimed is:

- 1           1.   A medical appliance for placement within a portion of the  
2 anatomy of a patient, the appliance comprising:  
3               a scaffolding, the scaffolding configured to define a  
4               substantially cylindrical member having a distal end and a  
5               proximal end and extending longitudinally there between,  
6               forming a lumen there through, such that when pressure is  
7               exerted along varying points of the longitudinal extension of the  
8               appliance, the appliance does not undesirably foreshorten or  
9               elongate.
- 1           2.   The medical appliance of claim 1, wherein the medical  
2 appliance scaffolding comprises a transition metal.
- 1           3.   The medical appliance of claim 2, wherein the transition  
2 metal is radioactive.
- 1           4.   The medical appliance of claim 3, wherein the radioactive  
2 signal is provided in a pharmaceutically acceptable amount to treat  
3 the target tissue with minimal collateral tissue exposure.
- 1           5.   The medical appliance of claim 1, wherein the medical  
2 appliance is radially contractable in response to exposure to a  
3 magnetic field.
- 1           6.   A method of treating a patient with an obstruction inside a  
2 medical implant, comprising the steps of:  
3               providing a medical appliance comprising a scaffolding,  
4               the scaffolding configured to define a substantially cylindrical

5 member having a distal end and a proximal end and extending  
6 longitudinally there between, forming a lumen there through,  
7 along the longitudinal extension of the appliance the scaffolding  
8 forms geometrical patterns formed by angles, wherein the  
9 angles determine the relative flexibility of the medical appliance  
10 such that the appliance conforms to the topography of a target  
11 lumen and when pressure is exerted along varying points of the  
12 longitudinal extension of the appliance, the appliance does not  
13 undesirably foreshorten or elongate;  
14 activating medical appliance contraction to force the  
15 obstruction to migrate; and  
16 activating expansion of the medical appliance to the pre-  
17 contracted state.